Sheet 1 of 11

Title: Lasing Semiconductor Optical Amplifier
Without Power Monitor and Control

Inventors: Sol P. DiJaili & Jeffrey D. Walker

Atty. Docket No.: 21153-06421

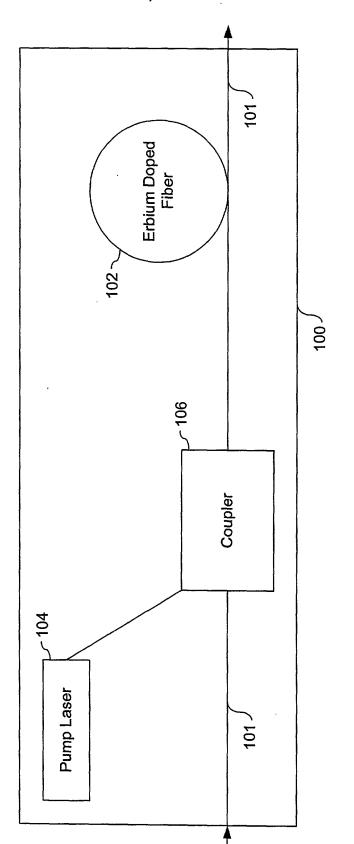


Figure 1 (Prior Art)

Sheet 2 of 11 Title: Lasing Semiconductor Optical Amplifier
Without Power Monitor and Control

Inventors: Sol P. DiJaili & Jeffrey D. Walker Atty. Docket No.: 21153-06421

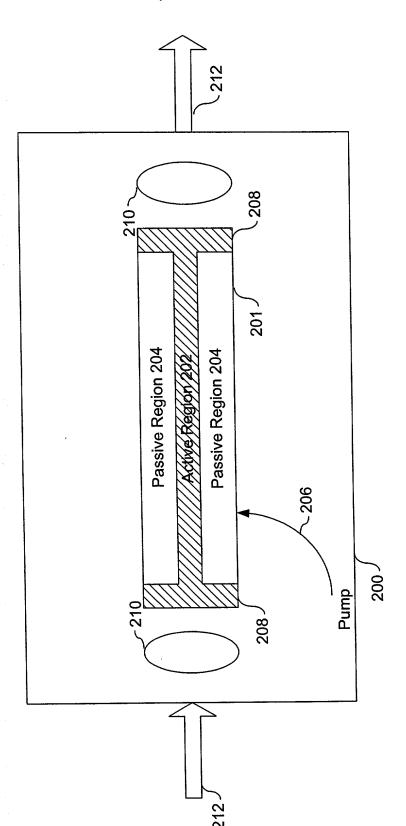
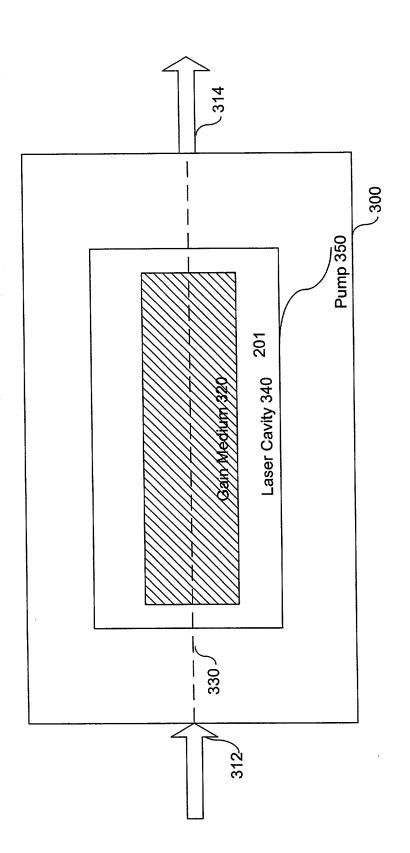


Figure 2 (Prior Art)

Sheet 3 of 11

Title: Lasing Semiconductor Optical Amplifier
Without Power Monitor and Control
Inventors: Sol P. DiJaili & Jeffrey D. Walker
Atty. Docket No.: 21153-06421



Sheet 4 of 11

Title: Lasing Semiconductor Optical Amplifier
Without Power Monitor and Control

Inventors: Sol P. DiJaili & Jeffrey D. Walker

Atty. Docket No.: 21153-06421

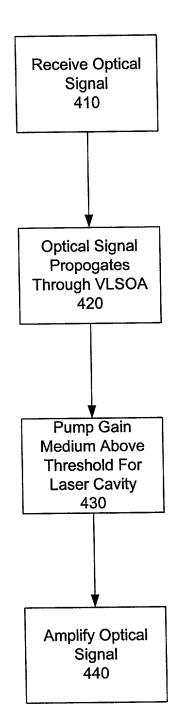


Figure 4

Sheet 5 of 11

Title: Lasing Semiconductor Optical Amplifier
Without Power Monitor and Control

Inventors: Sol P. DiJaili & Jeffrey D. Walker

Atty. Docket No.: 21153-06421

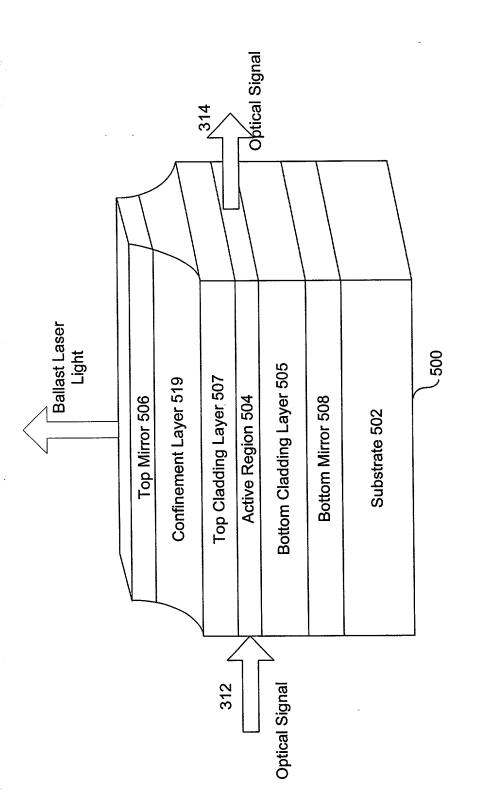


Figure 5A

Sheet 6 of 11

Title: Lasing Semiconductor Optical Amplifier
Without Power Monitor and Control Inventors: Sol P. DiJaili & Jeffrey D. Walker Atty. Docket No.: 21153-06421

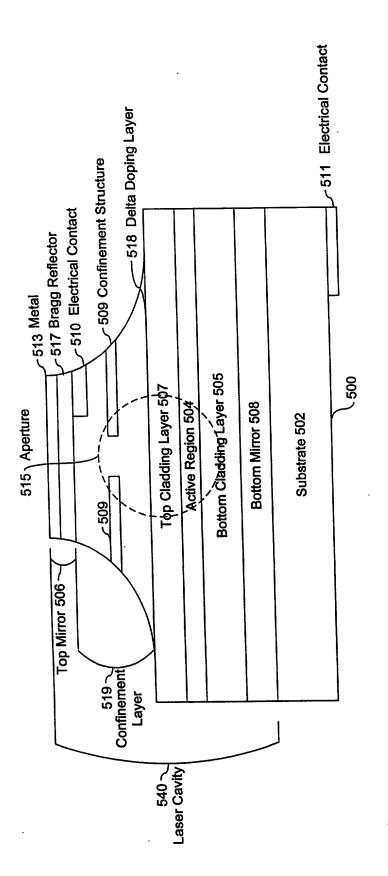
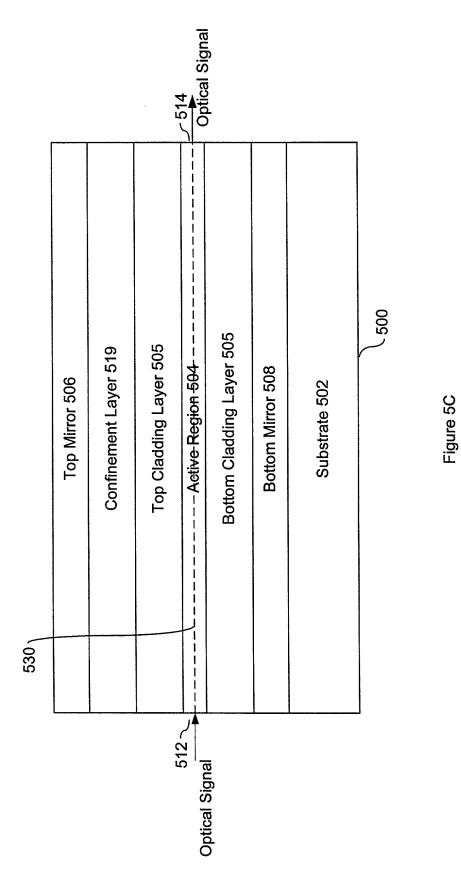


Figure 5B

Sheet 7 of 11
Title: Lasing Semiconductor Optical Amplifier
Without Power Monitor and Control
Inventors: Sol P. DiJaili & Jeffrey D. Walker
Atty. Docket No.: 21153-06421

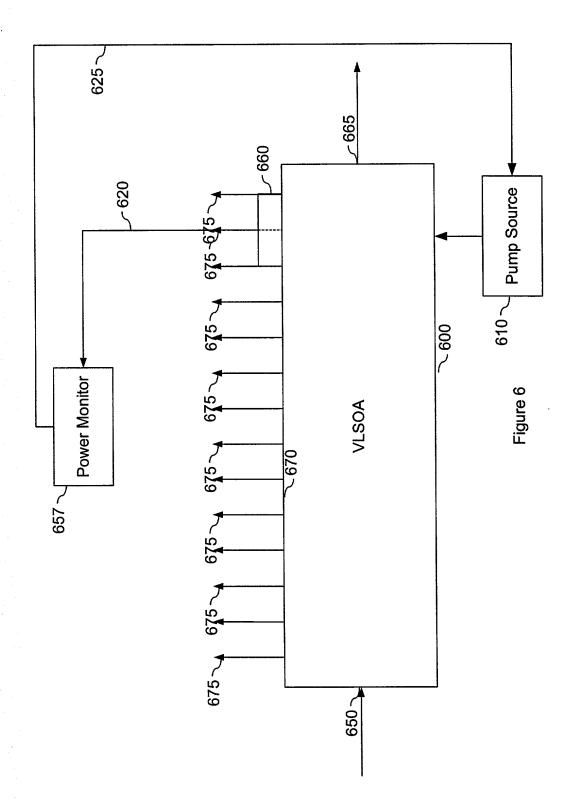


Sheet 8 of 11

Title: Lasing Semiconductor Optical Amplifier
Without Power Monitor and Control

Inventors: Sol P. DiJaili & Jeffrey D. Walker

Atty. Docket No.: 21153-06421



Sheet 9 of 11

Title: Lasing Semiconductor Optical Amplifier
Without Power Monitor and Control

Inventors: Sol P. DiJaili & Jeffrey D. Walker

Atty. Docket No.: 21153-06421

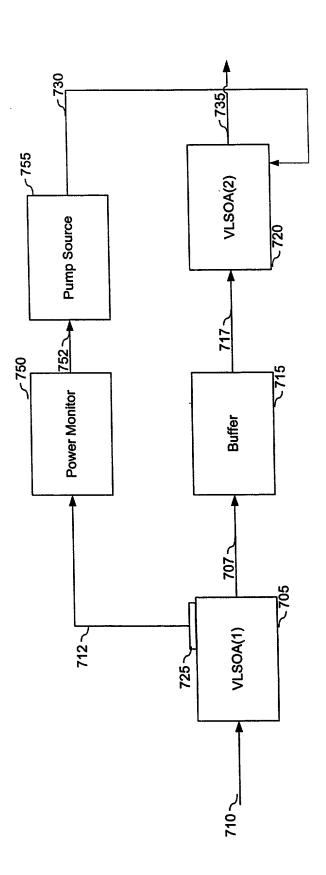


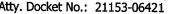
Figure 7

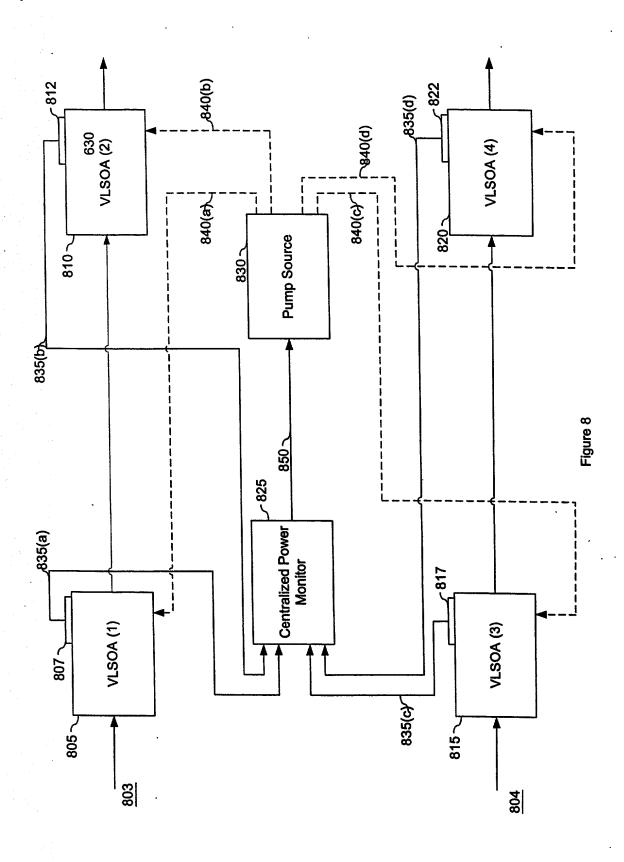
Sheet 10 of 11

Title: Lasing Semiconductor Optical Amplifier
Without Power Monitor and Control

Inventors: Sol P. DiJaili & Jeffrey D. Walker

Atty. Docket No.: 21153-06421





Sheet 11 of 11

Title: Lasing Semiconductor Optical Amplifier
Without Power Monitor and Control

Inventors: Sol P. DiJaili & Jeffrey D. Walker

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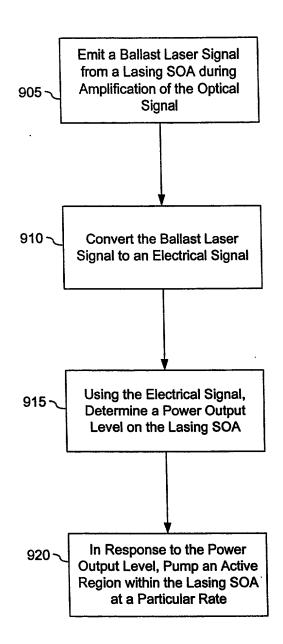


Figure 9